

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
MATERIAL SAFETY DATA SHEET

**Section I**

SIC #2842  
MANUFACTURER'S NAME  
Shield Packaging Co., Inc.  
Peter St., Webster, MA 01570

ISSUE DATE: Rev: 07/15/03 (no change)  
24 HOUR EMERGENCY TELEPHONE NUMBER  
CHEMTREC 1-800-424-9300  
PREPARED BY: R. MCCOLLUM 508-949-0900

CHEMICAL NAME AND SYNONYMS - N/A      TRADE NAME: TREEKOTE  
COMPANY: WALTER CLARK & SONS

CHEMICAL FAMILY - Mixture      FORMULA - N/A      HEALTH: 3      FLAMMABILITY: 3      REACTIVITY: 1

**Section II - HAZARDOUS INGREDIENTS**

CAS #	*Hazardous Components CHEMICAL NAME	COMMON NAME(S)	%	OSHA (PEL)	ACGIH (TLV)	OTHER (LIMITS)
Not found	Petroleum Asphalt	Asphalt, Petroleum	Not found	Not found	Not found	Not found
75-09-2	*Dichloromethane (NOTE 1)	Methylene Chloride	40-50	25ppm	25ppm	25ppm STEL
106-97-8	Butane	Butane	7-9	800ppm	800ppm	Flammable Gas (DOT)
74-98-6	Dimethylmethane	Propane	10-13	1000ppm	Not found	Flammable Gas (DOT)

\*Components marked by an asterisk are present above the De minimus cut of level and subject to the reporting requirements is Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

NOTE 1: NIOSH has recommended that this substance be treated as a potential human carcinogen.

**Section III - PHYSICAL DATA**

BOILING POINT (F): N/A  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): Greater than 1 heavier.  
VAPOR PRESSURE (mm Hg) : Not greater than 90 psig at 70 degrees F.  
VOLATILE BY VOLUME - %: Approximately 60 %.  
VAPOR DENSITY (AIR=1): Greater than 1 heavier.  
EVAPORATION RATE ( Water = 1): Greater than 1 faster.  
APPEARANCE AND ODOR: Tar black aerosol spray. Irritating odor at high concentrations.  
SOLUBILITY IN WATER: Negligible.

**Section IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT CAS#	METHOD USED	FLAMMABLE LIMITS	LEL%	UEL%
8030-30-6 and Petroleum Asphalt	100 degrees F. +		Not found	Not found
75-09-2	None TCC, TOC, COC	@ 25 degrees C.	14.0	25.0
75-28-5 and 74-98-6	- 138 degrees F.		2.0	10.0

EXTINGUISHING MEDIA : Carbon Dioxide, Chemical Foam.

SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus. Keep cans cool to prevent possible bursting.

UNUSUAL FIRE AND EXPLOSION HAZARDS - Toxic vapors may be formed from thermal deterioration. Vapors may accumulate in low lying areas and displace air. (See Section VI).

### **Section V - HEALTH HAZARD DATA**

ROUTES OF ENTRY: INHALATION: X SKIN: X INGESTION: X

SIGN/SYMPTOMS OF OVEREXPOSURE: Dizziness, giddiness, irritation of the eyes, nose, throat. Product may stain skin. Severe abdominal cramping from ingestion.

HEALTH HAZARDS: ACUTE/CHRONIC: Excessive vapor concentrations may cause cardiac arrhythmia's. Ingestion of product may cause systemic damage. Ingestion of liquid may cause damage to liver and kidneys. Aspiration of liquid may cause chemical pneumonitis.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: May increase myocardial irritation.

CARCINOGENICITY: NTP: Other IARC MONOGRAPHS: Other OSHA: Other

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Wash with large amounts of tempered water. If irritation develops or persists consult physician.

SKIN: Wash off with mild soap and water. If irritation develops or persists consult physician.

INGESTION: Do not induce vomiting. Seek immediate medical attention.

INHALATION: Remove to fresh air. If breathing has ceased give artificial respiration. Seek immediate attention. Use oxygen as necessary.

### **Section VI - REACTIVITY DATA**

STABILITY: Stable

CONDITIONS TO AVOID: High temperatures (welding arcs, glowing surfaces) that will tend to induce thermal decomposition.

INCOMPATIBILITY (materials to avoid): Storage in aluminum. Possibly powdered Zinc and alkali metals. Strong acids and bases (bleach, ammonia solutions, vinegar).

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal: Hydrogen chloride and small amounts of Chlorine and phosgene gas.

HAZARDOUS POLYMERIZATION - Will not occur.

CONDITIONS TO AVOID: None Known.

### **Section VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS: Mop or wipe up. Remove to out of doors.

LARGE SPILLS: Ventilate area. Contain liquid and transfer to steel drums. Cap tightly.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State and Local Regulations.

### **Section VIII - SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION (specify type):

VENTILATION: Use only in well ventilated area.

LOCAL EXHAUST: N/A

MECHANICAL: Explosion proof in low lying or confined areas. (For large spills) where vapors may tend to accumulate.

PROTECTIVE GLOVES: Rubber. Where repeated or prolonged contact might occur.

OTHER PROTECTIVE EQUIPMENT: N/A

WORK/HYGIENIC PRACTICES: Do not spray into the wind To avoid contact with other surfaces spray on clam (wind free) days. To prevent accidental spraying keep protective cap in place when not in use. Do not expose to direct sunlight or temperatures above 120 degrees F. Keep from reach of children.

**Section IX - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store in a cool, dry area, away from direct sunlight. Do not puncture or incinerate can.

**OTHER PRECAUTIONS:** Read label precautions thoroughly before use. Use only as directed. Avoid spraying on skin or into face or eyes. **KEEP FROM REACH OF CHILDREN.**

**MANUFACTURERS STATEMENT:**

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind, expressed or implied. Information in this Data Sheet has been assembled by the manufacturer based on its own studies and on the work of others and is believed to be correct as of the date issued. However, No warranty of any kind is expressed or implied as to the accuracy, completeness, or adequacy of the information obtained herein. The Manufacturer shall not be liable, regardless of fault, to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of, or in connection with, the accuracy, completeness, or adequacy of the information obtained herein. It is intended to assist in the normal safe usage of the product.